Headlight Restoration Kit

SP: Kit de restauración de faros
PT: Kit de restauração de faróis
DE: Scheinwerfer-Restaurationskit
FR: Kit de restauration de phares
NL: Koplamprestauratieset
IT: Kit di ripristino dei fari

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WELZH®

Safety

The Headlight Restoration Kit is designed for safe operation when used according to the instructions in this manual. Please read the entire manual, especially the safety precautions below, before use.

Wear protective gloves, eyewear, clothing, and a face mask when working with chemicals or sanding. The liquid polymer and sanding process can irritate skin and eyes.

Work in a well-ventilated area to minimize inhaling fumes. Use a respirator if needed.

Keep restoration chemicals out of reach of children and pets.

Check your vehicle owner's manual regarding any special coatings or lenses that could be damaged during the restoration process. Test on a small, inconspicuous area first.

Ensure the vehicle battery is disconnected before starting to avoid electrical hazards.

Do not smoke, eat, or drink while working with chemicals. Wash hands thoroughly afterwards.

Store liquids securely upright when not in use to prevent spills or tip-overs.

Allow sufficient time for liquids to dry thoroughly before driving according to the product instructions.

Rinse off any chemicals, residue, or debris thoroughly to prevent irritation or damage. Avoid getting liquid in eyes.

Use caution when working with power tools, making sure to avoid entanglement or contact injuries. Unplug when not in use.

Follow all instructions from the kit manufacturer carefully. Do not take shortcuts.

Additional Safety for Headlight Restoration Liquid

- Keep flammable liquid polymers away from sparks, flames or other ignition sources even when sealed. Do not smoke near open containers.

- Wear chemical-resistant gloves at all times when handling the polymer solutions to minimize skin contact. Latex or nitrile gloves are commonly used.

- Splashes when pouring or applying liquids can still impact eyes so be sure to wear sealed protective eyewear.

- Minimize fumes by only using restoration liquids with adequate ventilation, especially in enclosed spaces. Use painter's masks if needed.

- Avoid using liquid polymers on extremely hot surfaces that may intensify chemical reactions with certain lens materials. Check compatibility first.

- Carefully reseal containers immediately after pouring out preparation quantities to avoid spills, contamination or accidental ingestion later. Keep bottles securely upright.

- If restoration chemicals are inhaled - Immediately move to fresh air. Seek medical help if irritation persists or any breathing difficulty occurs.

- For eye exposure - Flush eyes with cool water continuously for 15 minutes. Remove contact lenses. Seek medical attention for any persistent stinging, redness or vision changes.

- For skin contact - Remove any contaminated clothing. Wash the affected area with soap and water. Seek medical care if irritation worsens or persists.

- If liquids are ingested - Do NOT induce vomiting unless instructed by a poison control center or physician. Call emergency medical help or a poison control hotline immediately.

- In case of serious wounds from sanders, buffers or power tools - Apply firm pressure with sterile gauze to stop bleeding. Seek emergency medical attention for any deep cuts or possibly embedded debris.

- When in doubt, call emergency services for any major medical issues stemming from restoration product exposure, accidents or injuries. Have information on the exact chemicals handy for physicians.

Product Description

Enhanced Visibility and Safety:
Removes blurriness and yellowish tint for improved headlight clarity.
Restores the original brightness, ensuring optimal light emission on the road.
Increases safety during nighttime driving by enhancing visibility.

Innovative Liquid Polymer Technology:
Features a powerful liquid polymer formula for effective headlight restoration.
Provides quick and long-lasting results with a perfect finish.
Preserves the restored condition, ensuring headlights remain clear for an extended period.

Versatile Restoration Options:
Offers both manual and mechanical sanding methods for user convenience.
Suitable for users of all skill levels, providing excellent results regardless of experience.
Versatile application to various headlight materials and shapes.

Comprehensive Kit Contents:
Comes with 600ml of revitalizing liquid for multiple restorations.
Includes 6 sheets of textured sandpaper for efficient sanding.
Equipped with a plastic funnel, curved and flat lids with rubber sealing rings, and an adapter for 12v conversion.

Cost-Effective and Time-Saving:
Provides an economical solution compared to replacing headlights entirely.
Saves time with a straightforward restoration process.
Conveniently connects to the cigarette lighter or power socket for hassle-free chemical rinsing.

Pre-Operation

Follow these steps to prepare for use:

Read all instructions and safety warnings carefully before starting.

Gather all necessary tools and materials - sandpaper, liquids, connecters, gloves, masks, etc. Ensure you have enough liquid polymer and sandpaper for the job.

Inspect the headlight lens for cracks, cloudiness, severe damage or moisture inside the housing that requires repair first.

Check the power source - Ensure the battery is fully charged if using a power drill. Have a long enough extension cord if corded.

Test polish compatibility by applying to a small, inconspicuous area of the lens first to check for any damage to special coatings.

Thoroughly clean the headlight lens with isopropyl alcohol, car soap or plastic cleaner to remove debris, bugs and grime that can interfere with adhesion.

Shake or stir liquid polymer bottles thoroughly before each use and between coats to mix the ingredients well.

Operation

- Ensure you are wearing appropriate personal protective equipment including gloves, eyewear, masks and protective clothing before starting.

- Completely tape off the headlight area to isolate and prevent splashing or overspray on surrounding paint or windshields.

- Gently wipe off any dust or grime from the headlight using a damp cloth.

- Follow up with either manual or machine sanding using sandpaper, then give the headlight another wipe.

- Pour approximately 70ml of Restoration Liquid into the cup, plug in the cable to heat it up.

- Wait around 5 minutes until the liquid starts to bubble and create vapor showing it is ready for use.

Operation

- Once the Restoration Liquid begins vaporizing, apply it evenly across the entire headlight surface using side to side strokes.

- Ensure an even, thorough application covering all areas by checking for streaks or missed spots. Reapply if needed.

- Allow a few minutes for the treated surface to dry completely before adding more coats.

- Repeat steps with additional coats of Restoration Liquid for best results.

- Carefully remove the isolation tape once product is fully cured.

WATCH VIDEO

Troubleshooting

If the Headlight Restoration Kit is not operating properly, refer to the troubleshooting guide below:

If the liquid polymer is not bubbling or vaporizing - Check that the power cable is securely plugged into the cigarette lighter/power source. Try an alternate power source like a wall socket. Ensure the adapter is properly fitted to the cup. Add more liquid if the level is too low for the heating element.

If the liquid dried too quickly or unevenly - This could happen if applying in direct sunlight. Move to a shaded area and ensure you are applying in smooth, overlapping strokes so it does not dry between passes. Apply a little at a time instead of too much liquid at once.

Streaks or an uneven finish - Your application motions may be inconsistent. Ensure you keep the liquid dispenser/applicator at the same distance as you apply and overlap smoothly. Go over streaky areas until blended uniformly.

Small scratches persist after sanding/buffing - You may need to step down to a finer grit sandpaper after the initial heavier restoration to refine the surface smoothness. Follow with a quality finishing polish.

Whitish hazing or clouding develops - This can indicate minor residual chemical residue. Ensure you are allowing adequate drying time between coats and removing any dried residue from sanding before reapplying liquid. Finish with a quality sealant.

Special lens coatings appear damaged - Immediately stop and wash area with water. Test compatibility carefully first next time by isolating a small spot before overall application.

Disposal Guidelines

- Allow liquid polymers to dry fully before disposing according to manufacturer guidelines and local regulations. Do not pour leftover liquids down drains.

- Place lids back onto restoration product containers during storage or drying periods to prevent spills or exposure.

- Once liquids are dried out completely, the containers can often be disposed of in normal trash receptacles. Check chemical bottle labels for any special disposal instructions.

- Used sandpaper sheets containing chemical residue from the process should be disposed of properly as well. Place in sealed bags first if the sandpaper is still wet.

- Wear gloves when handling used restoration materials headed for the trash. The residue may still irritate skin for awhile even when dry.

- Access hazardous waste management facilities in your municipality if recommended for certain restoration product waste. This applies more to industrial volumes of controlled chemicals.

- Do not openly burn or illegally dump any restoration chemicals or materials into municipal waste sources not intended for that chemical type. Follow all laws.

Storage Guidelines

- Keep all chemicals, liquids, and sandpapers securely closed and out of reach of children and pets. Store in a locked cabinet if needed.
- Store restoration liquids in cool, dry locations ideally between 10-27°C. Avoid temperature extremes.
- Keep liquids sealed upright to prevent leaks. Do not store open containers on their sides. Clean any minor spills promptly.
- Avoid exposing kits to direct sunlight or humidity for long periods which could degrade materials.
- Check liquid polymer expiration dates periodically and replace as needed. Dispose of any containers with extensive sediment.
- Store electric components like power cables safely coiled and protected from damage. Keep plugs clean.
- Consider storing sandpaper with release liners separating sheets to prevent grit bonding sheets

Warranty

Limited 12 month warranty from date of purchase. If you are unsure on how to use the item please contact us. If it were to fail due to a manufacturing fault or poor workmanship we will repair or replace it. Please contact your local dealer in the event you need to send the item back. You can also make a repair/replacement request on our website and download & complete the form online. Normal wear and tear along with misuse will void any warranty. Consumables are not covered under warranty.

www.welzh.com

Limited ***12 month*** warranty

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